

AMENDMENTS TO THE SPECIFICATION

Please replace the specification with the attached Substitute Specification.

Please revise the Abstract of the Disclosure as follows:

The present invention relates to an antenna system and method. The An antenna system and method for measuring azimuth and elevation angles of an active, signal sending radiosonde, (31), comprises The system includes a first passive antenna group (13) comprising having at least two antenna arrays (11a, 11b), the direction pattern of which is wide at least in elevation plane for measuring azimuth angle of the radiosonde (31) based on the phase differences between the antenna arrays (11a, 11b), a second passive antenna group (12) comprising group having at least two antenna arrays (10a, 10b), the direction pattern of which is wide at least in elevation plane for measuring the elevation angle of the radiosonde (31) based on the phase differences between the antenna arrays (10a, 10b) and the rotational position of the antenna field (1) field, and at least one third antenna (8) antenna having high gain for receiving the telemetry signal, the direction pattern of which element (8) element is narrow in azimuth plane and wide in elevation plane. According to the invention first (13) and second (12) The first and second antenna groups form a solid antenna field (1), and antenna field (1) which is fixedly tilted in a predetermined elevation position.
(Fig. 1a)